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NOTES:**PROPOSED AMENDMENT FOR DISCUSSION ONLY**

Please deliver this document to Examiner Robinson in Art Unit 2872

Dear Examiner Robinson:

Upon receipt of the proposed amendment, please call Applicant's attorney at the number indicated above.

Thank you.


 Harry K. Ahn

Reg. No. 40,243

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Docket No.: GK-ZEI-3130/500343.20130

Customer No: 026418

Serial No.: 09/869,951

Applicant: Ronald WENDENBURG et al.

For: SYSTEM FOR INTRODUCING OPTICAL TWEEZERS AND/OR
A TREATMENT BEAM INTO A MICROSCOPE

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

PROPOSED AMENDMENT FOR DISCUSSION ONLY

This is a proposed amendment only. Please do not enter this proposed amendment.

Version 1

(Currently Amended) An arrangement for coupling at least one beam of optical tweezers for trapping particles and/or a treatment beam into a microscope beam path in a laser scanning microscope, comprising:

means for changing the position of the beam focus of the optical tweezers and/or of the treatment beam in a freely adjustable manner;

wherein movable optics are provided for changing the position of the beam focus of the optical tweezers and of the treatment beam and for in-coupling a scanning laser beam from the laser scanning microscope;

wherein the change is controllable and causes a movement of the optical tweezers and/or of the treatment beam in the direction opposite to the movement of the microscope objective.

Version 2

(Currently Amended) An arrangement for coupling at least one beam of optical tweezers for trapping particles and/or a treatment beam into a microscope beam path in a laser scanning microscope, comprising:

means for changing the position of the beam focus of the optical tweezers and/or of the treatment beam in a freely adjustable manner;

wherein movable optics are provided for changing the position of the beam focus of the optical tweezers and of the treatment beam and for in-coupling a scanning laser beam from the laser scanning microscope;

wherein the change is controllable and causes a movement of the optical tweezers and/or of the treatment beam in the direction opposite to the movement of the microscope objective;

wherein the means for changing the position with a defined control of the displacement of the microscope objective by stored or calculated values depending on the focal position.

Summary of points for discussion

I. Version 1 is a combination of claim 7 and 10. Version 2 is a combination of claim 7, 10 and 11.

II. The proposed claim above now recites that the movement of the optics is in opposite direction to the microscope optics to maintain the position of the particle. None of the references cite such a feature.

In Faellman or Schutze, the movement is described only for steering the particle itself, without any reference to the microscope objective of a laser scanning microscope which allows depth scanning. The movement of the particle in Faellmann has no preferred direction like our invention of claim 7.
